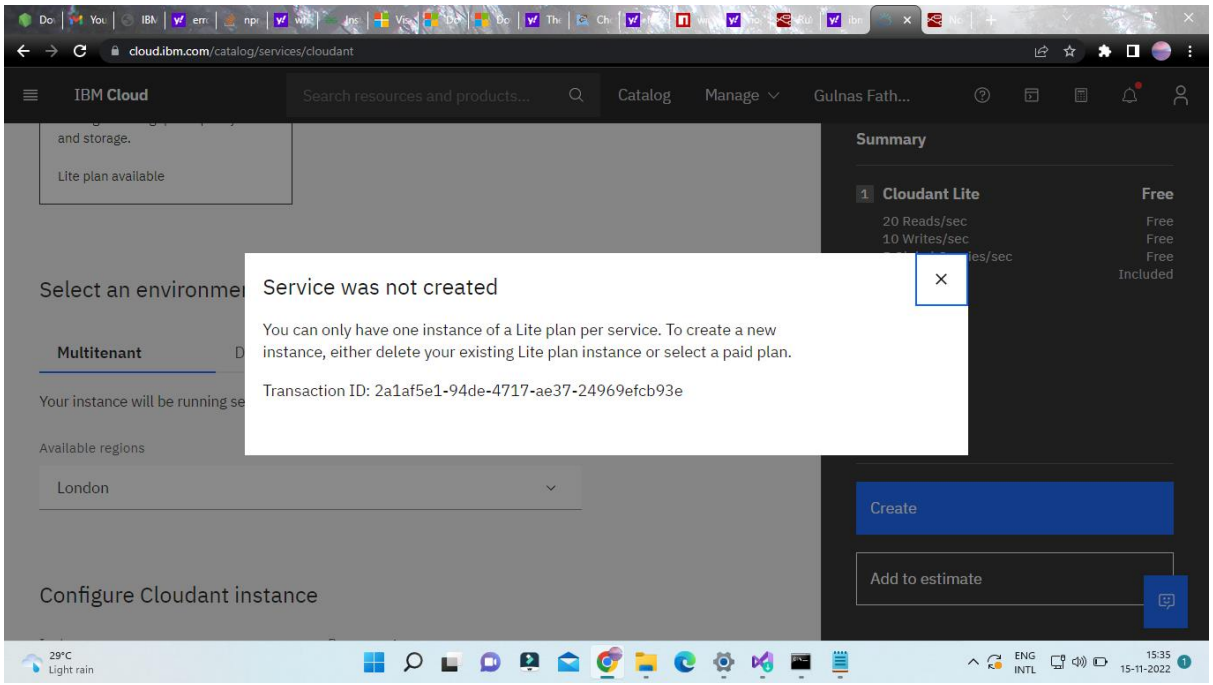
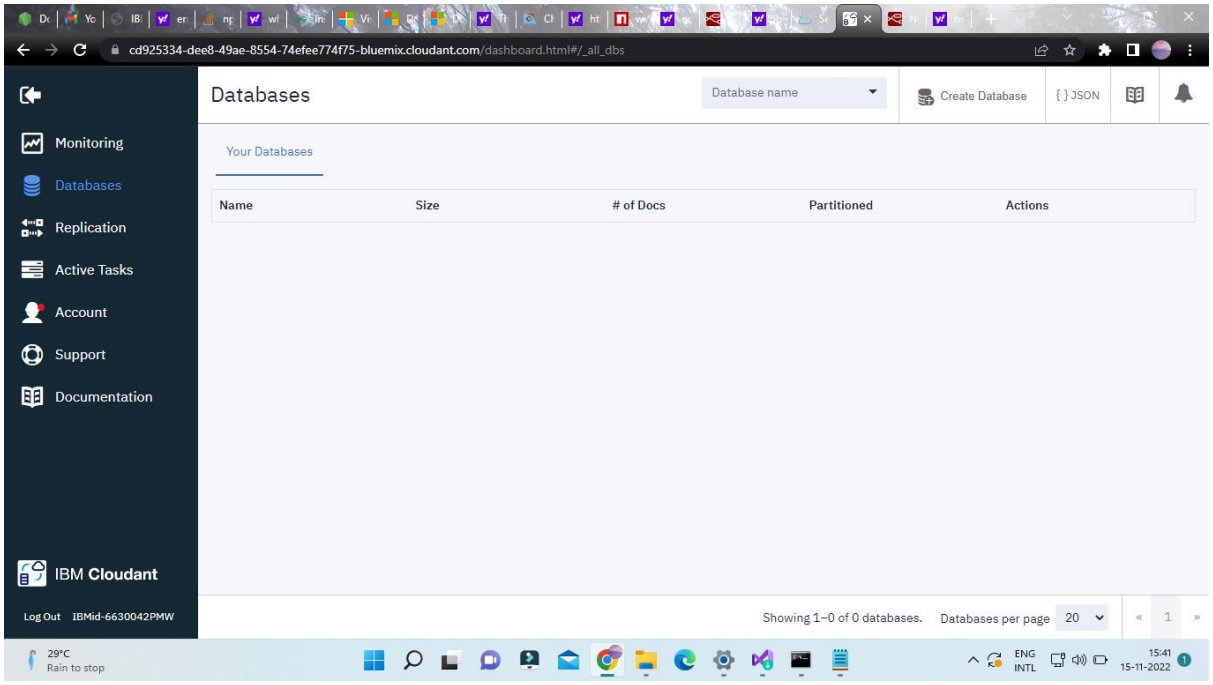
PROJECT PLANNING
PHASE
SPRINT 3

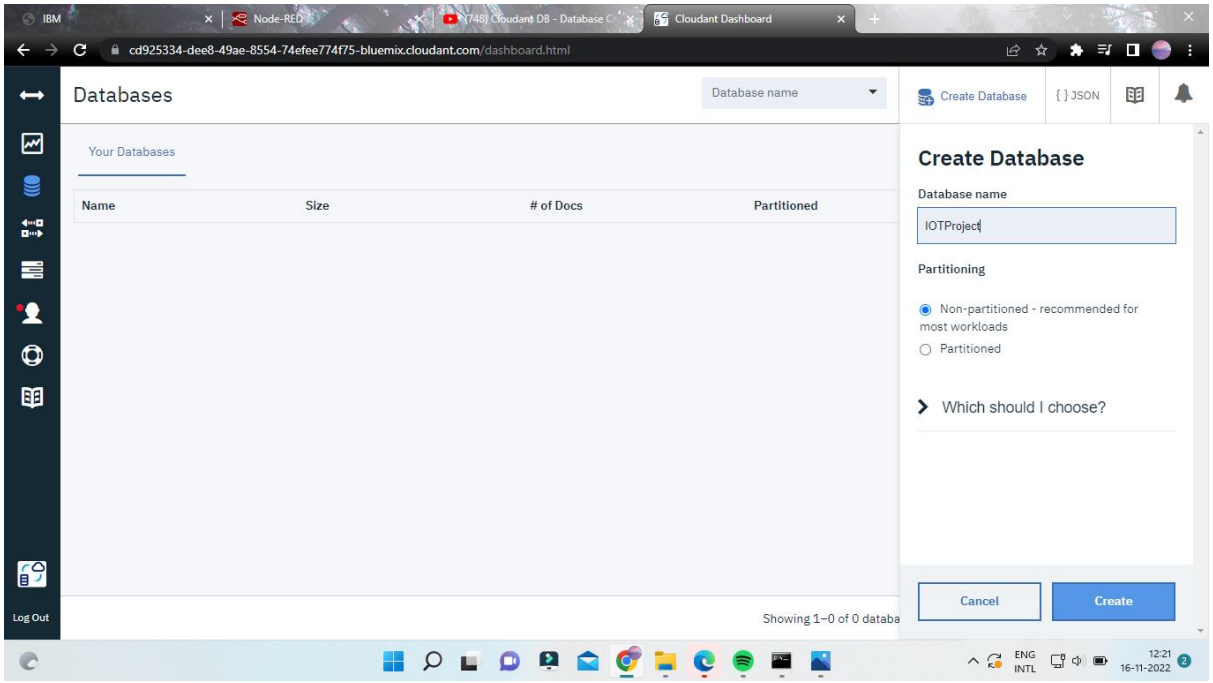
Date	12October 2022
Team ID	PNT2022TMID48154
Project Name	IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION

USN-11- Launch the Cloudant DB and Create database to store the location data.

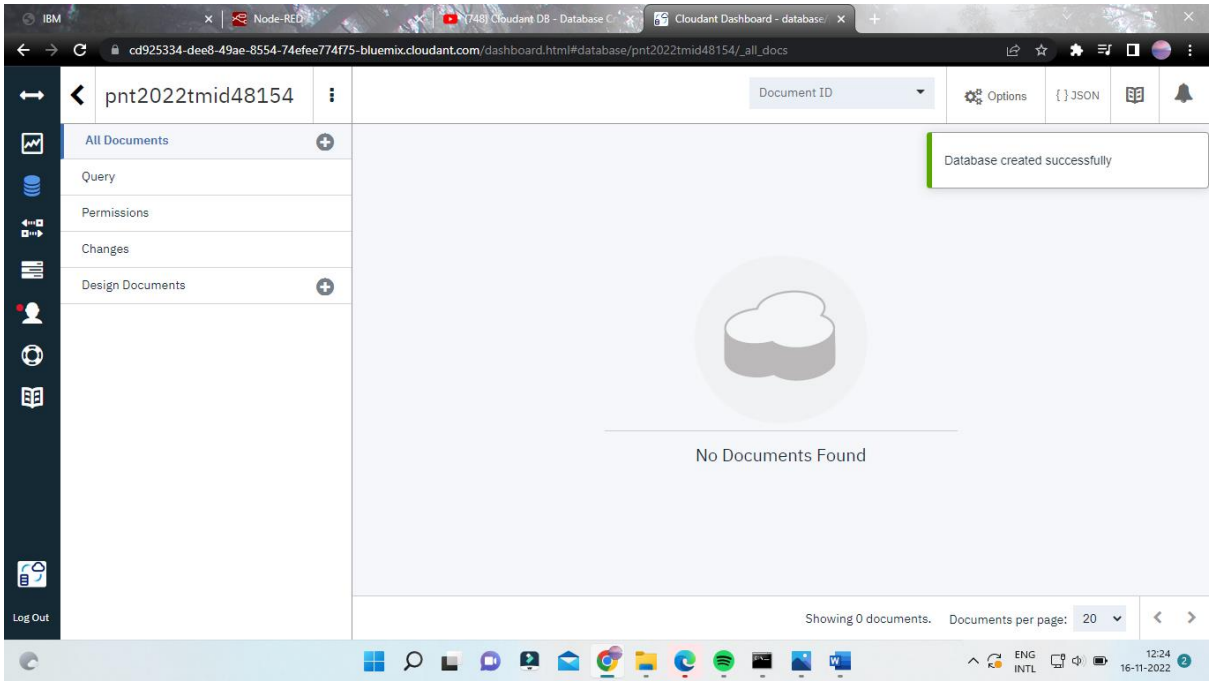


USN-12-Create the database in the cloudant

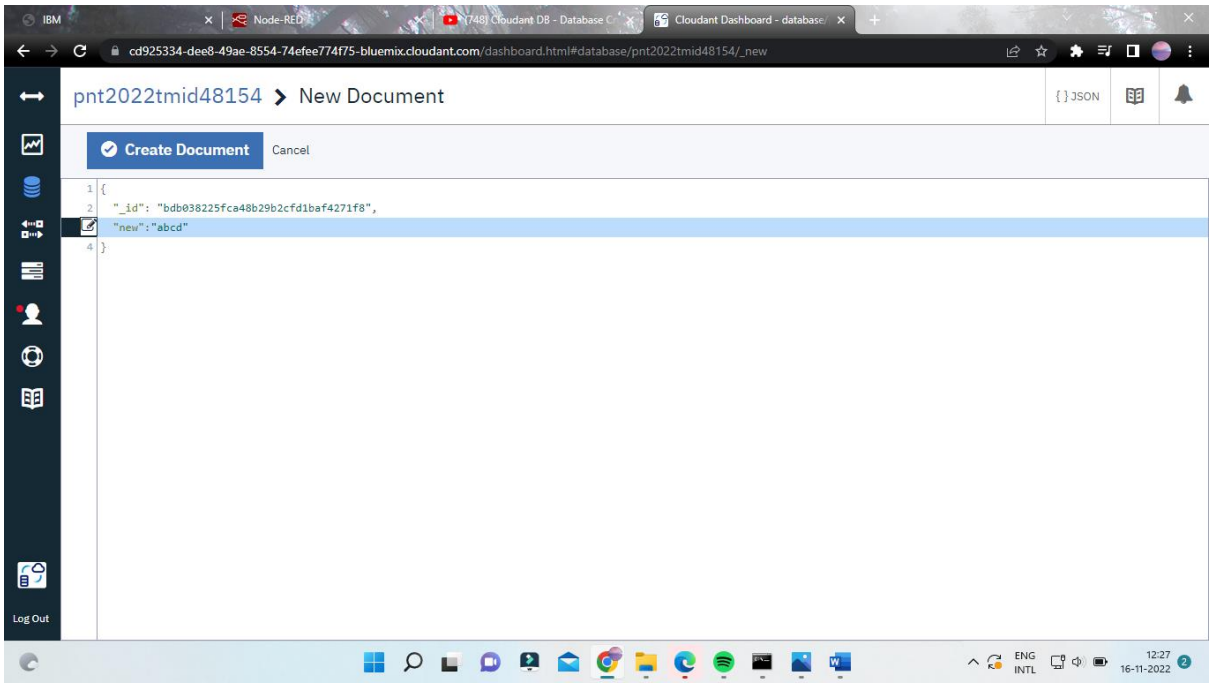


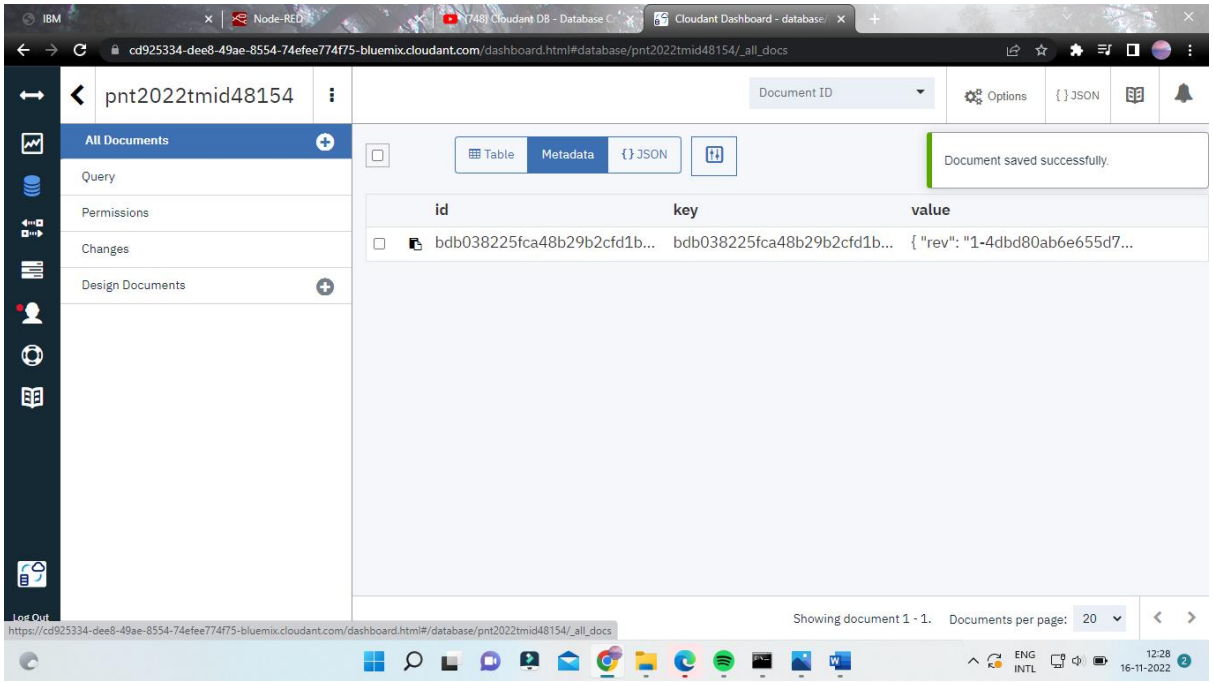


USN-13-The database had been successfully created

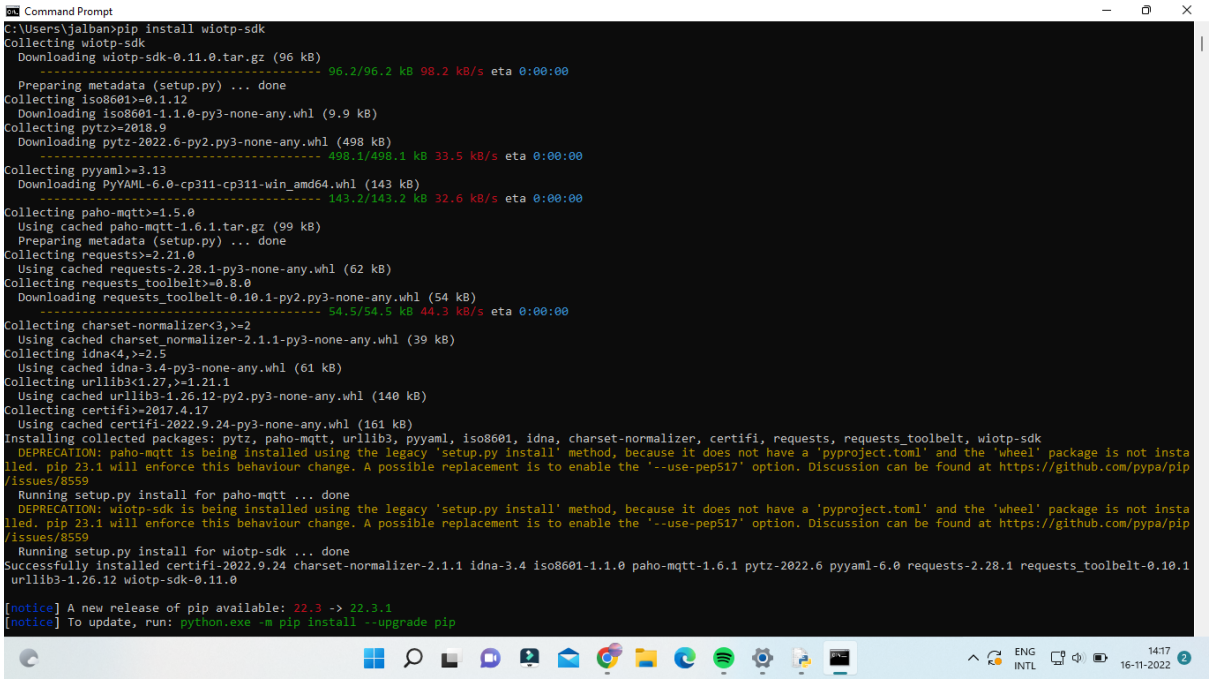


Create the new document in the database

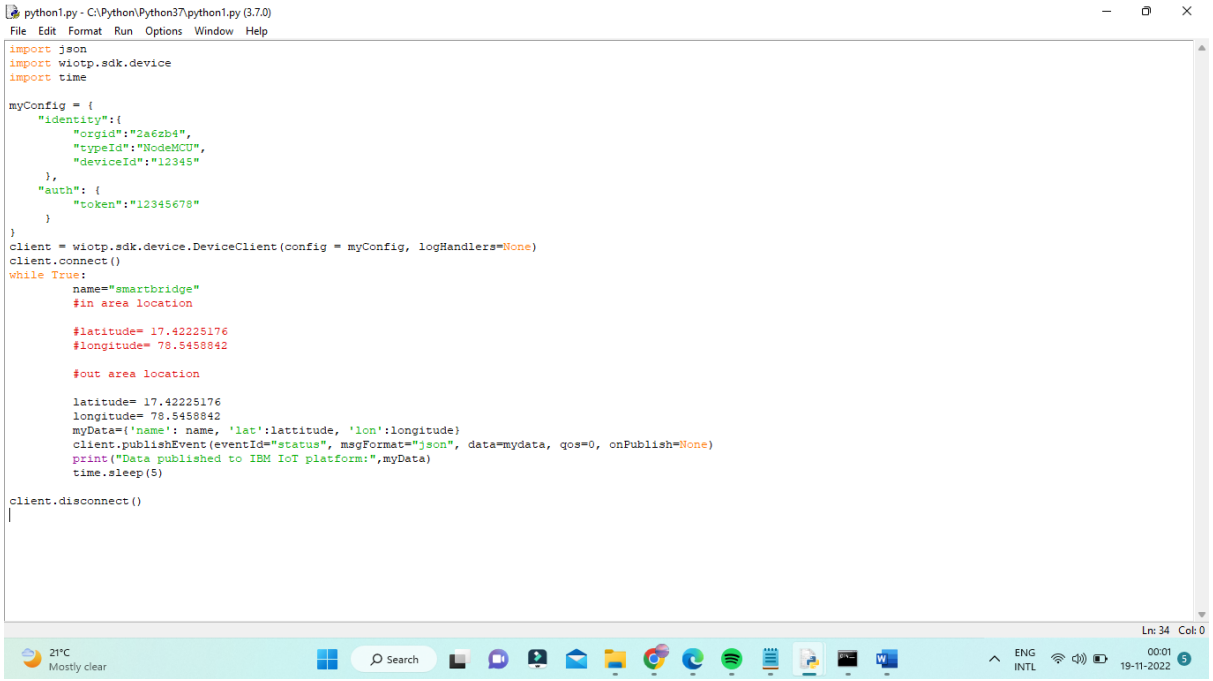




USN-14-Develop the python scripts to publish details to IBM IoT Platform



USN-15- Develop the python code for publishing the location (latitude & longitude) to IBM IoT Platform



#python code:

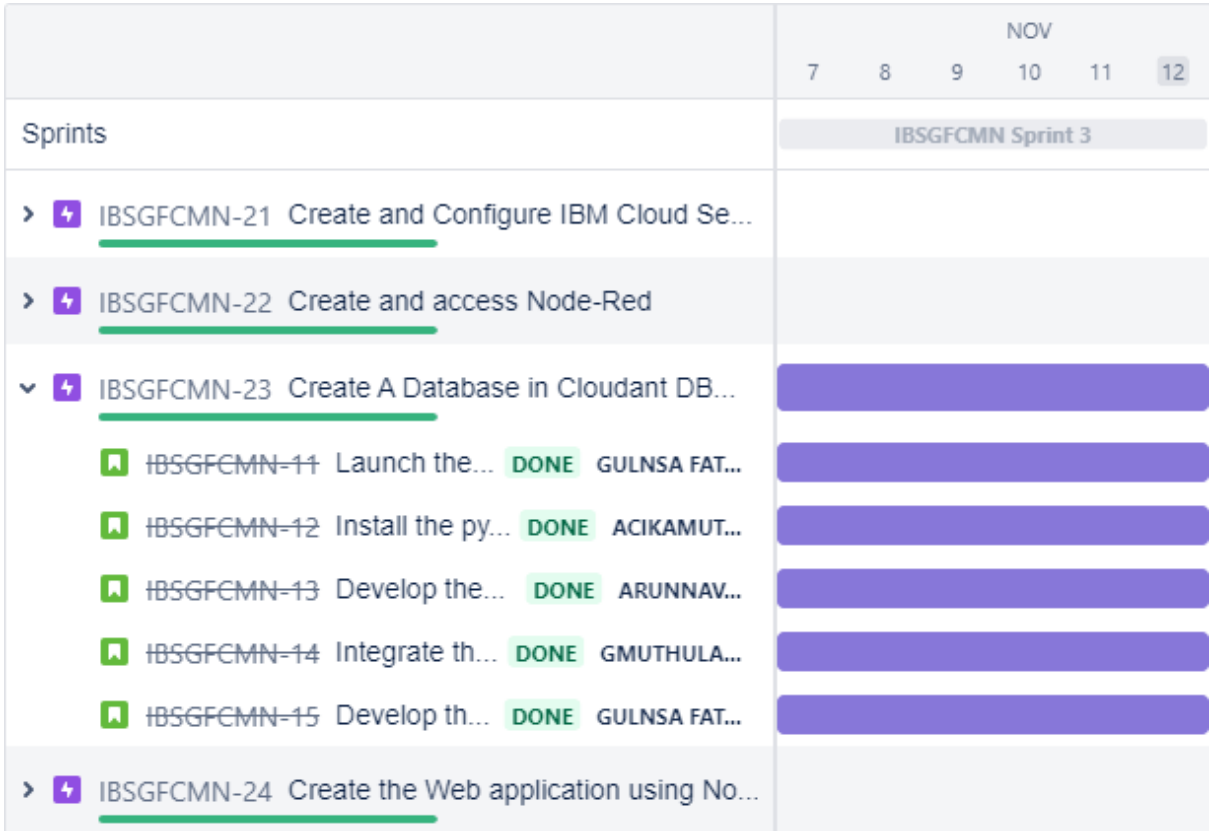
```
import json
import wiotp.sdk.device
import time

myConfig = {
    "identity":{
        "orgid":"2a6zb4",
```

```
        "typeId":"NodeMCU",
        "deviceId":"12345"
    },
   "auth": {
        "token":"12345678"
    }
}
client = wiotp.sdk.device.DeviceClient(config = myConfig, logHandlers=None)
client.connect()
while True:
        name="smartbridge"
        #in area location

        #latitude= 17.42225176
        #longitude= 78.5458842

        #out area location

        latitude= 17.42225176
        longitude= 78.5458842
        myData={'name': name, 'lat':lattitude, 'lon':longitude}
        client.publishEvent(eventId="status", msgFormat="json", data=mydata,
qos=0, onPublish=None)
        print("Data published to IBM IoT platform:",myData)
        time.sleep(5)

client.disconnect()
```

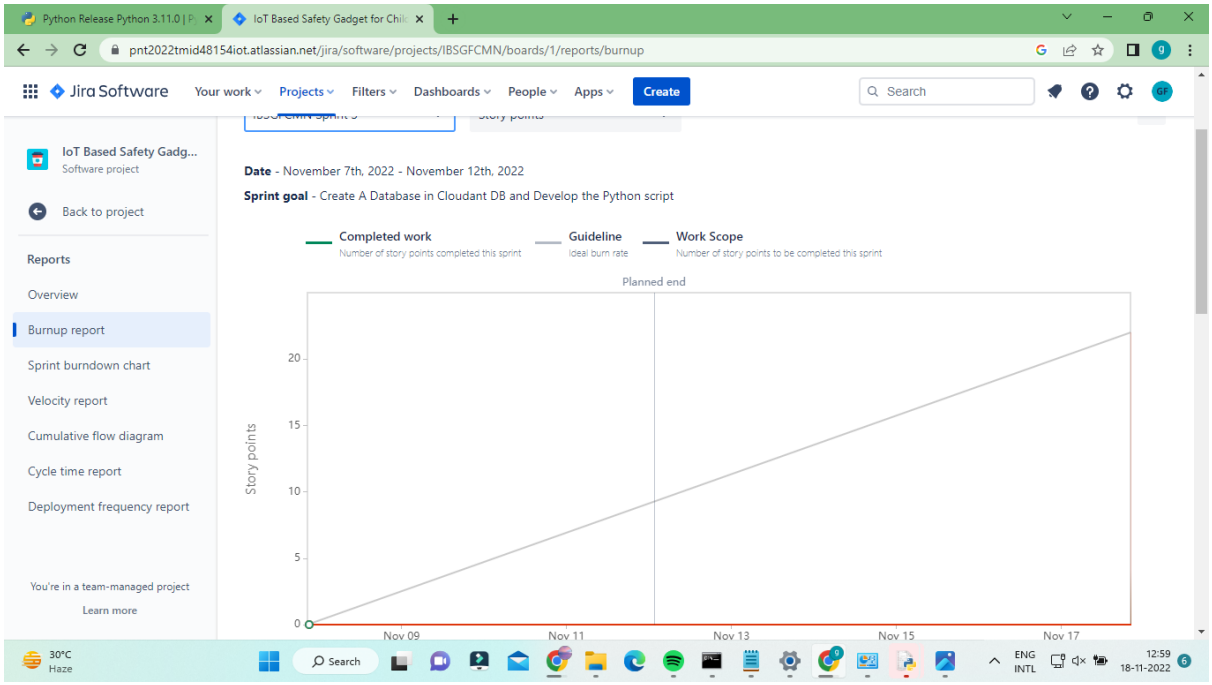
#IBM IOT connected:

```
myConfig = {
   "identity":{
        "orgid":"2a6zb4",
        "typeId":"NodeMCU",
        "deviceId":"12345"
    },
   "auth": {
        "token":"12345678"
    }
}
```

ROADMAP:



BURNUP REPORT:



SPRINT BURNDOWN CHART: